

BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Providing Water Supply through Drilling new Borewells and Water Pipe line in Hebbala, Kariyanna Layout, Errannapalya, Kempapura, Mariyannapalya, Amruthahalli and Surrounding areas in Ward No. 07, Byatarayanapura.

Name of Agency: Executive Engineer, KRIDL, # 280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore - 560 010.

Estimated Cost: 99.30,000.00

Tender Amount : Rs. 97,49,414.00 Lakhs

Work Order No. BBMP/EE/BTP/WO/53/2016-17 **Dated:** 17.01.2018.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2016-17 +/- T.P	Amount				
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to	Each BW	12	1938.46	23262.00	12.00	1938.46	23262.00	9.00	9.00	1938.46	17446.00	0.00	1938.46	0.00	17446.00	5816.00		
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250	Rmtr	600.00	315.18	189108.00	600.00	315.18	189108.00	450.00	450.00	315.18	141831.00	0.00	315.18	0.00	141831.00	47277.00		
	50 to 100 m	Rmtr	600.00	412.00	247200.00	600.00	412.00	247200.00	450.00	450.00	412.00	185400.00	0.00	412.00	0.00	185400.00	61800.00		
	100 to 150 m	Rmtr	600.00	458.35	275010.00	600.00	458.35	275010.00	450.00	450.00	458.35	206258.00	0.00	458.35	0.00	206258.00	68752.00		
	150 to 200 m	Rmtr	600.00	484.10	290460.00	600.00	484.10	290460.00	450.00	450.00	484.10	217845.00	0.00	484.10	0.00	217845.00	72615.00		
	200 to 250 m	Rmtr	600.00	560.32	336192.00	600.00	560.32	336192.00	450.00	450.00	560.32	252144.00	0.00	560.32	0.00	252144.00	84048.00		
	250 to 300 m	Rmtr	600.00	600.49	360294.00	600.00	600.49	360294.00	450.00	450.00	600.49	270221.00	0.00	600.49	0.00	270221.00	90073.00		
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm	Rmtr	840	1325.00	1113000.00	840.00	1325.00	1113000.00	630.00	630.00	1325.00	834750.00	0.00	1325.00	0.00	834750.00	278250.00		
4	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of	Rmtr	216.00	1100.00	237600.00	216.00	1100.00	237600.00	162.00	162.00	1100.00	178200.00	0.00	1100.00	0.00	178200.00	59400.00		
5	Providing and fixing 160mm Borewell Cap ,with all lead and lift, loading, unloading	No.	12	100.00	1200.00	12.00	100.00	1200.00	9.00	9.00	100.00	900.00	0.00	100.00	0.00	900.00	300.00		
6	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ 12.50 HP 25 Stage	No	12	50100.00	601200.00	12.00	50100.00	601200.00	2.00	2.00	70600.00	141200.00	0.00	50100.00	0.00	141200.00	460000.00		
	10.00 HP 20 Stage								4.00	4.00	60400.00	241600.00	0.00	60400.00	0.00	241600.00		241600.00	
									3.00	3.00	50100.00	150300.00	0.00	50100.00	0.00	150300.00		150300.00	
7	Providing and fixing in trenches galvanised / mild steel tubes (medium grade)	Rmtr	3360.00	457.92	1538611.00	3360.00	457.92	1538611.00	2520.00	2520.00	457.92	1153958.00	0.00	457.92	0.00	1153958.00	384653.00		
8	Supplying and drawing 3 core flat PVC sheathed submersible pump cable	Mtr	6960.00	126.70	881832.00	6960.00	126.70	881832.00	5220.00	5220.00	126.70	661374.00	0.00	126.70	0.00	661374.00	220458.00		
9	as new /repaired submersible pumpset along with GI pipe (32/50mm) cable (new	Length	588	88.00	51744.00	588.00	88.00	51744.00	441.00	441.00	88.00	38808.00	0.00	88.00	0.00	38808.00	12936.00		

SL. No.	Description	Unit	Qty.	Rate	Amount	Qty.	Rate	Amount	executed Qty.	Qty.	Rate	Amount	Qty.	Rate 2016-17+/- T.P	Amount	Executed Amount	Savings	Excess	Remar
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both	No.	12	302.00	3624.00	12.00	302.00	3624.00	9.00	9.00	302.00	2718.00	0.00	302.00	0.00	2718.00	906.00		
11	having aluminium conductor PVC insulated shethed, galvnised steel, wire / steel	Mtr	420.00	140.40	58968.00	420.00	140.40	58968.00	315.00	315.00	140.40	44226.00	0.00	140.40	0.00	44226.00	14742.00		
12	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-	Mtr	420.00	10.80	4536.00	420.00	10.80	4536.00	315.00	315.00	10.80	3402.00	0.00	10.80	0.00	3402.00	1134.00		
13	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground	Mtr	360.00	85.00	30600.00	360.00	85.00	30600.00	270.00	270.00	85.00	22950.00	0.00	85.00	0.00	22950.00	7650.00		
14	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than	Mtr	48.00	345.00	16560.00	48.00	345.00	16560.00	36.00	36.00	345.00	12420.00	0.00	345.00	0.00	12420.00	4140.00		
15	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with	No.	12	280.00	3360.00	12.00	280.00	3360.00	9.00	9.00	280.00	2520.00	0.00	280.00	0.00	2520.00	840.00		
16	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and	No	12	2727.00	32724.00	12.00	2727.00	32724.00	9.00	9.00	2727.00	24543.00	0.00	2727.00	0.00	24543.00	8181.00		
17	Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts,	No.	72	180.00	12960.00	72.00	180.00	12960.00	54.00	54.00	180.00	9720.00	0.00	180.00	0.00	9720.00	3240.00		
18	Providing and fixing in position 50mm nominal bore gun metal non-return valve	No	12	1585.76	19029.00	12.00	1585.76	19029.00	9.00	9.00	1585.76	14272.00	0.00	1585.76	0.00	14272.00	4757.00		
19	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions	No	12	227.90	2735.00	12.00	227.90	2735.00	9.00	9.00	227.90	2051.00	0.00	227.90	0.00	2051.00	684.00		
20	SSupplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading	No	48	104.30	5006.00	48.00	104.30	5006.00	36.00	36.00	104.30	3755.00	0.00	104.30	0.00	3755.00	1251.00		
21	Supplying and fixing miniature circuit breakers/solaters on existing	No	12	1547.00	18564.00	12.00	1547.00	18564.00	9.00	9.00	1547.00	13923.00	0.00	1547.00	0.00	13923.00	4641.00		
22	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall	Sq.Cm	280800.00	0.33	92664.00	280800.00	0.33	92664.00	210600.00	210600.00	0.33	69498.00	0.00	0.33	0.00	69498.00	23166.00		
23	Supplying fully automatic store detta starter unit push button type with suitable wires	No.	12	6583.00	78996.00	12.00	6583.00	78996.00	9.00	9.00	6583.00	59247.00	0.00	6583.00	0.00	59247.00	19749.00		
24	Earthwork excavation for pipeline trenches including deporiting or bank up to a	Cum	637.20	188.00	119794.00	637.20	188.00	119794.00	1206.00	796.50	188.00	149742.00	409.50	188.00	76986.00	226728.00		106934.00	
25	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring	Rmtr	840.00	157.00	131880.00	840.00	157.00	131880.00	900.00	900.00	157.00	141300.00	0.00	157.00	0.00	141300.00		9420.00	

SL. No.	Description	Unit	Qty.	Rate	Amount	Qty.	Rate	Amount	executed Qty.	Qty.	Rate	Amount	Qty.	Rate 2016-17 +/- T.P	Amount	Executed Amount	Savings	Excess	Remark
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
26	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778,	m	930.00	475.20	441936.00	930.00	475.20	441936.00	1780.00	1162.50	475.20	531844.00	617.50	475.20	282506.00	814350.00		372414.00	
27	Sand filling in wells complete as per drawing and technical etc., complete and as per the	Cum	318.60	2922.42	931083.00	318.60	2922.42	931083.00	471.60	398.25	2922.42	1163854.00	73.35	2922.42	214360.00	1378214.00		447131.00	
28	Refilling the basement and pipeline treanches with seclated available earthe for	Cum	318.60	61.00	19435.00	318.60	61.00	19435.00	734.40	398.25	61.00	24293.00	336.15	61.00	20505.00	44798.00		25363.00	
29	Providing and laying in position plain cement concrete of mix 1:4:8 with	Cum	25.11	5256.36	131987.00	25.11	5256.36	131987.00	44.91	31.39	5256.36	164984.00	13.52	5256.36	71079.00	236063.00		104076.00	
30	Providing and laying cement concrete using 20 mm and down size granite coarse	Cum	25.11	6349.32	159431.00	25.11	6349.32	159431.00	44.46	31.39	6349.32	199289.00	13.07	6349.32	83001.00	282290.00		122859.00	
31	Wet Mix Macadam KSRRB M400-17. Providing, laying,	Cum	61.32	1768.08	108419.00	61.32	1768.08	108419.00	154.92	76.65	1768.08	135523.00	78.27	1768.08	138388.00	273911.00		165492.00	
32	Providing and applying primer coat with S.S. bitumen	Sqm	369.60	27.56	10186.00	369.60	27.56	10186.00	774.60	462.00	27.56	12733.00	312.60	27.56	8615.00	21348.00		11162.00	
33	Providing and laying bituminous concrete 40 mm	Cum	14.78	7083.98	104701.00	14.78	7083.98	104701.00	30.98	18.48	7083.98	130877.00	12.50	7083.98	88614.00	219491.00		114790.00	
34	Providing and fixing in position brass gate valve with C.I wheel of approved quality	Each	35	2781.00	97335.00	35.00	2781.00	97335.00	60.00	44.00	2781.00	121669.00	16.00	2781.00	45191.00	166860.00		69525.00	
	Sub Total 10-1.				8783226.00			8783226.00								8782833.00			
	Add 8% KRIDL Charges				878322.60			878322.60								878283.30			
	Add 1% third Party Inspection Charges				87832.26			87832.26								87828.33			
	BESCOM Charges				150000.00														
	Miscellaneous and unforger charges	LS			619.00														
	Total				9900000.00			9749380.86				7753588.00			1029245.00	9748944.63	1941459.00	1941066.00	

0.004 Below

SUMMARY:

- 1 Estimated Cost : Rs. 99.00 Lakhs
- 2 Tender Cost : Rs. 97.49 Lakhs
- 3 Work Slip Amount Rs. 19,41,066.00 = 19.90% of the Tender Amount
- 4 During execution as per requirement and site condition, the total Qty to be executed costs Rs. 97.48 Lakhs which is 0.004% BELOW the Tender cost. The proposal may kindly be approved.

Assistant Engineer
Ward No. 07

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

* Modified work slip approved *

Chief Engineer
Yelahanka Zone
Bruhat Bangalore Mahanagara Palike